

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964010013-6

POPOVA, L.A.; ZAVILEYSKAYA, O.F.; DYGERN, N.T.; PESTEREVA, G.D.

Deep fermentation of nystatin in a pilot plant. Antibiotiki 6
no.1:34-38 Ja '61. (MIRA 14:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(MYCOSTATIN)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964010013-6"

SURIKOVA, Ye.I.; ZAVILISYSKAYA, G.Y.; DYGERN, N.T.; PESTEREVA, G.D.

Utilization of enriched media for fermentation of streptomycin.
Antibiotiki 4 no.4:12-17 J1-Ag '59. (MIRA 12:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(STREPTOMYCIN metab.)

LEVITOV, M.M.; LUR'YE, L.M.; ZAVILEYSKAYA, G.F.

Role of precursors in the biosynthesis of penicillin. Antibiotiki 6
no.12:1058-1063 D '61. (MIRA 15:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(PENICILLIN)

LEVITOV, M.M.; GOTOVSEVA, V.A.; ZAVILEYSKAYA, G.P.

Formation of 6-aminopenicillanic acid during the fermentation
of *Penicillium chrysogenum* on a medium without a precursor.
Antibiotiki 7 no.5:410-414 My '62. (MIRA 15:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(PENICILLANIC ACID) (PENICILLIUM)

BRINBERG, S.L.; DYGERN, N.T.; ZAVILEYSKAYA, G.F.; PESTEREVA, G.D.

Studies on conditions for the synthesis of florimycin (viomycin).
Antibiotiki 8 no.10:892-895 O '63.

(MIRA 17:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.

LEVITOV, M. M.; KLEYNER, G. I.; GOTOVTSSEVA, V. A.; ZAVILEYSKAYA, G. F.; IOFO, R. I.;
KLAPOVSKAYA, K. I.; YUDINA, O. D.

"Penicillinacylase production by escherichia coli in relation to cultivation
conditions."

report submitted for Antibiotics Cong, Prague, 15-19 Jun 64.

All-Union Sci Res Inst of Antibiotics, Moscow & Plant for the Production of
Medicinal Products, Riga.

ZAVILZISKII, F. A.

Medical control in physical culture and athletics.
Sovet. med. no. 12:27-29 Dec. 1951.

(CML 21:3)

1. Moscow.

ZAVILINSKIY, F. A.

Physical Education and Training

Medical supervision of physical training and sport., Sov. med., 15, no. 12, 1951

Monthly List of Russian Accessions, Library of Congress, March 1952. Unclassified.

TUMERMAN, L.A.; ZAVIL'GEL'SKIY, G.B.; IVANOV, V.I.

Mechanism of the phenomenon of thermoluminescence in chloroplasts.
Bicfizika 7 no.1:21-30 '62. (MIRA 15:5)

1. Institut radiatsionnoy i fiziko-khimicheskoy biologii AN SSSR,
Moskva.

(CHROMATOPHORES) (LUMINESCENCE)

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964010013-6

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964010013-6"

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964010013-6

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964010013-6"

ZAV'EL'GEL'SKIY, G.B.; BORISOVA, O.F.; MINCHENKOVA, L.Ye.; MINYAT, E.Ye.

Interaction of acridine orange with UV-irradiated DNA. Biokhimia
29 no.3:508-517 My-Je '64. (MIRA 18:4)

1. Institut radiatsionnoy i fiziko-khimicheskoy biologii AN SSSR, Moskva.

ACCESSION NR: AP4030793

8/0020/64/155/004/0937/0939

AUTHOR: Zavil'gel'skiy, G. B.; Il'yashenko, B. N.; Minyat, E. Ye.; Rudchenko, O. N.

TITLE: Protective action of acridine orange against ultraviolet irradiation of DNA-infected bacteriophage 1 sub Phi 7

SOURCE: AN SSSR. Doklady*, v. 155, no. 4, 1964, 937-939

TOPIC TAGS: bacteria destroyer, bacteriophage, phage, bacteriolytic agent, acridine orange, DNA, desoxyribonucleic acid, deoxyribonucleic acid, biochemical research, physiological research, TNA, spheroplast

ABSTRACT: In the interaction of the basic dye acridine orange (AO) with DNA two complexes are formed: complex I, probably consisting of AO dimers or higher aggregates and complex II is an AO monomer. Complex I is mostly formed with single-chain DNA and RNA, while complex II is formed with native double-chain DNA. The purpose of the present work was to find whether AO can be used as protective substance against inactivation of infectious DNA by UV radiation. In the tests, DNA of the intestinal phage 1 ϕ 7 was used. DNA isolated from 1 ϕ 7 is infectious for spheroplast bacteria. DNA separation was done according to the phenolic

Card 1/3

ACCESSION NR: AP4030793

method. Spheroplasts were prepared from a broth culture of *E.coli* C. An elaborate test showed that dyeing of infectious DNA with AO in a $5 \cdot 10^{-7}$ M concentration caused practically no screening of UV light. The same test was repeated with $1 \cdot 4 \cdot 7$ bacterio. phage. AO dye has no effect on the whole phage (DNA + albumin skin) since it does not penetrate through the albumin skin. Neither does UV radiation. With increased AO concentrations, the quanta input of lethal UV action decreases ($5 \cdot 10^{-7} \approx 1.6x$; $2.5 \cdot 10^{-6} \approx 2.85x$; $5 \cdot 10^{-5} \approx 4.8x$). The tests showed that in a DNA solution dyed with AO and irradiated with UV light (of the nucleic acid absorption spectrum), the dye protects DNA from inactivation by the UV quanta. This means an effective energy migration from the DNA base to the dye with subsequent light output or heat conversion. Orig. art. has: 1 figure, no formulas, no tables.

ASSOCIATION: Institut radiatsionnoy i fiziko-khimicheskoy biologii AN SSSR (Institute of Radiation and Physico-Chemical Biology AN SSSR);

Institut epidemiologii i mikrobiologii im. N. F. Gamaleya Akademii meditsinskikh nauk SSSR (Institute of Epidemiology and Microbiology, Academy of Medical Sciences SSSR)

Card 2/3

ACCESSION NR: AP4030793

SUBMITTED: 30Aug63

DATE ACQ: 30Apr64

ENGL: 00

SUB CODE: LS

NO REF Sov: 001

OTHER: 005

Card 3/3

SAVICH, A.P.; ZAVIL'GEL'SKIY, G.B.

Cross-linkages and locally denatured areas induced in double-strand DNA by ultraviolet rays of different wavelengths. Dokl. AN SSSR 162 no.4:952-955 Je '65. (MIRA 18:5)

1. Institut radiatsionnoy i fiziko-khimicheskoy biologii AN SSSR.
Submitted August 22, 1964.

IVANOV, V.I.; YAVIL'GEL'SKIY, G.B.; KRIVISKIY, A.S.

Protective versus action against injury of some *Escherichia coli* phages by ultraviolet rays. Radiobiologija 5 no.1:112-118 '65.

(MIRA 18:3)

1. Institut radiatsionnoy i fiziko-khimicheskoy biologii, Moskva.

ZAVIL'GEL'SKIY, G.B.; MINCHENKOVA, L. Ye.; MINYAT, E. Ye.; SAVICH, A.P.

Development of the denaturation process in DNA irradiated with
ultraviolet rays. Biokhimiia 30 no. 3:652-662 My-Je '65
(MIRA 19:1)

1. Institut radiatsionnoy i fiziiko-khimicheskoy biologii AN
SSSR, Moskva.

L 22486-66 INT(1)/T JK
ACC 1.6

1. Effect of U.V. radiation on bacteriophage inactivation and mutagenic action

and its relationship to biological activity AN SSSR. Institute of Biophysics, USSR Academy of Sciences, 1965.

2. Effect of U.V. rays on bacteriophage inactivation and mutagenic action of U.V. rays on bacteriophage inactivation and mutagenic effect.

SOURCE: AN SSSR. Izvestiya. Seriya biologicheskaya, no. 5, 1965, 700-713

TOPIC TAGS: UV ray, bacteriophage, █, mutagenic effect, phage inactivation

ABSTRACT: Effect of U.V. radiation on bacteriophage inactivation and mutagenic effect were tested on the example of bacteriophage T2.

Card 1.6

UDC. 535.91.576.858.5

L 22186-66

ACC NR AP5024152

by shading or protection from UV irradiation, multiple reactivation, reactivation by the host, or by genetic or phenotype heterogeneity of population. The observed decrease in mutation frequency is not related to increased sensitivity of mutants, reversions, or suppressor mutations. Possible explanations of the observed phenomenon are based on the following: phage DNA has noncritical areas, the possibility of energy migration between bases of two-spiral DNA, and disruption of damage in the phage.

IPM

ZAVILJANSKI, I. J.
R. B. CRAGEROVA, MED ZHUR UKR, 1937, 7, 951-965

FRANKL, Jozef, dr.; ZAVILLA, Norbert, dr.

Tuberculous lupus associated with Addison's disease. Tuberkulozis 14,
no.6:188-189 Je '61.

1. Somogy megye Tanacsra Kaposvari Kozkorhaza (igazgato: Arato Miklos
dr.) Borgyogyaszati Osztalyanak es Korbonctani Intezetenek kozlemenye.

(LUPUS compl) (ADDISON'S DISEASE compl)

NOVIKOV, S.S.; SLOVETSKIY, V.I.; BELIKOV, V.M.; ZAVILOVICH, I.M.
YEPISHINA, L.V.

Spectrophotometric study of dissociation constants of
1,1-dinitropentane, 1,1-dinitrohexane, and 1,1-dinitrodecane.
Izv.AN SSSR.Otd.khim.nauk no.3:520-523 Mr '62. (MIRA 15:3)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Nitro compounds) (Ionization) (Spectrophotometry)

ZAVILOVICH, Mikhail Avraamovich

Osnovy metodologii planirovaniya narodnogo khozyaystva; lekstii po kursu
"planirovaniye narodnogo khozyaystva". Moskva, Gostorgizdat, 1958.
105 (3) p. Tables. 22cm.

At head of title: Ministerstvo Torgovle SSSR and Leningradskiy Institut
Sovetskoy Torgovli.

Bibliography p. 107

ZAVILOVICH, MIKHAIL AVRAMOVICH

3/5 783.301 .z1

Osnovy metodologii planirovaniya narodnogo khozyaystva; lektury po kursu
"Planirovaniye Narodnogo Khozyaystva" (Basic methodology of planning the
national economy; lectures from a course...) Moskva, Gosorgizdat, 1952.

105 (2) p. tables.

At head of title: Ministerstvo Torgovli SSSR. Leningradskiy Institut
Sovetskoy Torgovli im. Fr. Engel'sa.

"Literatura": p. (107)

ZAVILOVICH, Mikhail Avraamovich,; ISHKOVA, A.K., red.; SUDAK, D.M., tekhn. red

[Principles for the methodology of planning the national economy;
lectures in a course on "Planning the national economy."] Osnovy
metodologii planirovaniia narodnogo khoziaistva; lektsii po kursu
"Planirovaniie narodnogo khoziaistva." Moskva, Gos. izd-vo torg.
lit-ry, 1958. 105 p.

(MIRA 11:12)

(Economics)

ABATUROV, A.I.; VINOGRADOV, M.A.; DUBROVA, G.B.; LOTOREV, L.M.; ZORIN, S.N.;
VASIL'YEV, A.A.; VOLOKITIN, A.S.; BUKOVETSKIY, A.I.; PEMAZKOV, N.S.;
MEZENTSEV, P.V.; YEGORKIN, N.I.; DANILOV, M.M.; LUKASHEV, M.Ya.;
MEYEROVICH, I.L.; KLYUCHEV, A.Ye.; SARYCHEV, V.G.; ZAVILLOVICH, M.A.;
NOVOSEL'SKIY, N.M.; GITLITS, S.A.; REZNICHENKO, M.S.; MOROZ, L.P.;
KHETAGUROVA, F.V.; CHOOVAZIE, Sh.K.; RYBCHENKO, A.A.; BOCHAROVA, N.P.;
GAGLOYEVA, N.A.; KRYUKOVA, T.B.

Rubinshtein, Grigorii Leonidovich; 1891-1959. Sov. torg. 33 no.12:56
D '59. (MIRA 13:2)

(Rubinshtein, Grigorii Leonidovich, 1891-1959)

ZAVILOVICH, M.A., dotsent, kand.ekonom.nauk; SMIRNOV, Ye.A., red.

[Planning organization of the national economy of the U.S.S.R.; textbook for the course "Planning the national economy of the U.S.S.R."] Organizatsiia planirovaniia narodnogo khoziaistva SSSR; uchebnoe posobie po kursu "Planirovaniie narodnogo khoziaistva SSSR." Leningrad, M-vo torgovli RSFSR, Leningr.in-t sovetskoi torgovli im. Fr.Engel'sa, 1959. 142 p.

(MIRA 13:7)

(Russia--Economic policy)

ZAVILOVICH, M.; KRYUKOVA, T.; KATSHAN, L. (Leningrad)

From the specialized state farm to the store. Sov. torg. 33 no.5:
10-12 My '60. (MIR: 13:11)
(Leningrad--Vegetable trade)

ZAVILYANSKAYA, L.I.; BLEYKHER, V.M.

Differential diagnosis of asthenic and hypochondriac conditions.
Vrach.delo no.2:147-151 F '60. (MIRA 13:6)

1. Kiyevskaya psichoneurologicheskaya bol'nička imeni I.P.
Pavlova i gorodskoy psichoneurologicheskoy dispanser.
(HYPOCHONDRIA) (SCHIZOPHRENIA)

BLEYKHER, V.M.; ZOLOTNITSKIY, R.I.; ZAVILYANSKAYA, L.I.

Psychoses with a periodic course. Zhur.nerv.i psikh. 62 no.6:874-
879 '62. (MIRA 15:11)

1. Kafedra psikiatrii (zav. - prof. Ya.P.Frumkin) Kiyevskogo
ordena Trudovogo Krasnogo Znameni meditsinskogo instituta imeni
A.A.Bogomol'tsa i Kiyevskaya psikhonevrologicheskaya bol'nitsa
imeni A.P.Pavlova (glavnnyy vrach P.N.Lepekhov).
(PSYCHOSES)

ZAVILYANSKIY, I.Ya., kand.med.nauk (Kiyev)

"Study of disturbances of abstract thinking in psychological patients and their physiological characteristics" by V.P. Protopopov, N.A.Rushkevich. Reviewed by I.IA.Zavilianskii. Vrach,dalo no.12:1331-1333 D '56. (MIRA 12:10)
(PSYCHOLOGY, PATHOLOGY) (THOUGHT AND THINKING)
(PROTOPPOPOV, V.P.) (RUSHKEVICH, N.A.)

ZAVILYANS'KIY, I. Ya.

PASHCHENKO, F.D.; ZAVILYANS'KIY, I.Ya., kand.med.nauk

First conference sponsored by the Pavlov Hospital of Clinical Psychiatry in Kiev. Medych.zhur. 20 no.2:96-98 '50. (MIRA 11:1)

1. Golovniy likar likarni im. Pavlova (for Pashchenko). 2.
Vcheniy sekretar likarnyanoj radi (for Zavilyans'kiy)
(PSYCHOLOGY)

FRUMKIN, Ya.P., professor; ZAVILYANSKIY, I.Ya., dotsent

"Neural and psychic diseases" by V.V.Mikhnev, T.A.Nevzorova.
Reviewed by IA.P.Frumkin, I.IA.Zavilienskii, Sov.med, 21 no.5:
148-149 My '57. (MIR 10:7)
(NEUROLOGY) (PSYCHIATRY)
(MIKHNEV, V.V.) (NEVZOROVA, T.A.)

ZAVILYANSKIY, I.Ya., kandidat meditsinskikh nauk (Kiyev)

Anniversary of a scientist and physician. Vrach.dalo no.8:887
Ag '57. (MLRA 10:8)
(FRUMKIN, IAKOV PAVLOVICH)

ZAVILYANSKIY, Izrail' Yakovlevich

[Methods in psychiatric research; concise manual for students and physicians] Metodyka psychiatrichnogo doslidzhennia; korotkyi posibnik dla studentiv ta likariv. Kyiv, Derzh.med.vyd-vo URSR, 1958. 125 p. (MIRA 12:4)

(PSYCHIATRIC RESEARCH)

FRUMKIN, Ya.P., prof., doktor med.nauk; ZAVILYANSKIY, I.Ya., kand.med.nauk

Hypochondriac form of schizophrenia. Vop. klin. nevr. i psikh.
no.2:268-290 '58. (MIRA 14:10)
(SCHIZOPHRENIA) (HYPOCHONDRIA)

ZAVILYANSKIY, I., kand.med.nauk, MDTS, A. (Kiyev)

Republic plenary session of the Society of Neuropathologists and Psychiatrists, devoted to the 40th anniversary of the Great October Revolution. Vrach.delo no.3:325 Mr'58 (MIRA 11:5)
(UKRAINE--NEUROLOGY)

ZAVILYANSKIY, I. Ya.

TRUMKIN, Ya.P., prof., ZAVILYANSKIY, I.Ya., kand.med.nauk (Kiyov)

Vladimir Petrovich Serbskii; on the 100th anniversary of his
birth. Vrach.delo no.41433-434 Ap '58 (MIRA 11:6)
(SERBSKII, VLADIMIR PETROVICH, 1858-1917)

ZAVILYANSKIY, I.Ya., kand.med.nauk; VASHETKO, V.E., kand.med.nauk

V.M. Bekhterev as psychotherapist. Vrach.delo no.9:987-989 S'58

(MIRA 11:10)

1. Kiyevskaya psichiatricheskaya bol'nitsa im. akademika I.P. Pavlova i kafedra psichiatrii (zav. - prof. Ya.P. Frumkin) Kiyevskogo meditsinskogo instituta.

(BEKHTEREV, VLADIMIR MIKHAILOVICH, 1857-1927)

FRUMKIN, Ya.P., prof.; ZAVILYANSKIY, I.Ya., dotsent

The ethics of psychoterapy; critical evaluation of Freudianism. Nek.
filos.vop.med.i est. no.2:140-149 '60. (MIRA 15:7)
(Psychoterapy)

ZAVILYANSKIY, Izrail' Yakovlevich [Zavilians'kyi, I.IA], kand. med. nauk;
RASIN, S.D., doktor med. nauk, otv. red.; TUBOLEVA, M.V. [Tubolieva,
M.V.], red.

[Treatment by word; psychotherapy] Likuvannia slov; psikhoterapiia.
Kyiv, 1961. 46 p. (Tovarystvo dlia poshyrennia politychnykh i nauko-
vykh znan' Ukrains'koi RSR. Ser. 6, no. 5) (MIRA 14:9)
(PSYCHOTHERAPY)

SHKABARA, Ye.A., kand. tekhn.; ZAVILYANSKIY, I.Ya., kand. med. nauk;
RAVIKOVICH, S.D., kand. fiz.-mat.nauk; RASIN, S.D., doktor med.
nauk, otv.red.; TUBOLEVA, M.V., red.; MATVIICHUK, A.A., tekhn.red.

[Cybernetics and the brain] Kibernetika i mozg. Kiev, 1961.
52 p. (Obshchestvo po rasprostraneniuu politicheskikh i nauch-
nykh znanii Ukrainskoi SSR. Ser.6, no.23) (MIRA 15:1)
(Cybernetics)

SEVILYARSKY, I.Ya., kand.med.nauk

Theory of psychotherapy. Vop. klin. nevr. i psikh. no.2:324-328
'58. (MIRA 14:10)
(PSYCHOTHERAPY)

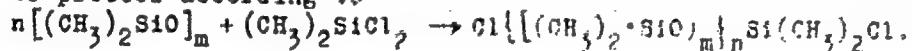
ZAVILYANSKIY, I.Ya., kand.med.nauk; VASHETKO, V.N., kand.med.nauk (Kiyev)

Methodological observations on antialcohol propaganda. Vrach.delo
no.5:513-514 My '60. (MIRA 13:11)
(ALCOHOLISM)

15-8170

26402
S/062/6:/000/008/006/010
B117/R206

AUTHORS: Andrianov, K. A., Severnyy, V. V., and Zavin, B. G.

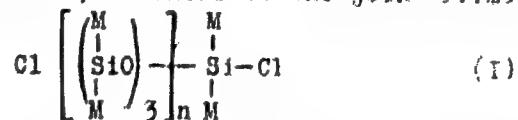
TITLE: Telomerization reaction of dimethyl cyclosilanes.
Communication I. Production of linear α - ω -dichloro-
dimethyl siloxanesPERIODICAL: Akademiya nauk SSSR. Izvestiya. Otdeleniya khimicheskikh
nauk, no. 8, 1961, 1456-1461TEXT: The authors investigated the telomerization of hexamethyl-cyclo-
trisiloxane and octamethyl-cyclotetrasiloxane with dimethyl-di-chloro-
silane, as well as the effect of the ratio of octamethyl-cyclotetra-
siloxane to dimethyl-dichlorosilane on the composition of the reaction
products. The following were used for the synthesis: crystalline
hexamethyl-cyclotrisiloxane, melting point 62-64°C, boiling point
132-136°C; octamethyl-cyclotetrasiloxane, boiling point 174-176°C;
dimethyl-dichlorosilane with a chlorine content of 55.7 %. The reaction
was found to proceed according to

Card 1/6

26402
 S/062/61/000/008/006/010
 B117/B206

Telomerization reaction of dimethyl...

From the reaction of equimolecular amounts of hexamethyl-cyclohexa-1,3,5-trisiloxane and dimethyl-dichlorosilane, telomers of the joint formula



are formed in the dry stainless-steel autoclave at 250°C within 3 hr; from them, 38.5 % telomers with n=1, 24.1 % with n=2, 4.47 % with n=3 and 0.63 % with n=4. Under the same conditions, octamethyl-cyclohexa-1,3,5,7-tetrasiloxane with dimethyl-dichlorosilane yields products which follow the formula:



from them, 36.86 % with n=1, 32.95 % with n=2 and 7.47 % with n=3. The properties of the telomers which follow formulas (I) and (II) as well as analysis results are listed in Table 1. The investigation of the physical properties of the links of the homologous series of α,ω -dichloro-

Card 2/6

26402

S/062/61/000/008/006/010
B117/B206

Telomerization reaction of dimethyl...

methyl siloxanes showed that conformable to law boiling points, specific gravities and refractive indices change with the number of silicon atoms in the molecule. No anomalies are observed in this connection. The telomerization of octamethyl-cyclotetrasiloxane with dimethyl-dichlorosilane was investigated at different molar ratios of the components: 1:1, 2:1 and 3:1. Experiments showed (Fig. 3) that telomerization does not yield pure products for any of the ratios investigated. Telomer mixtures with maximum yield of the product corresponding to the ratio concerned, develop continually. When increasing the ratio of the reacting components, the yield of low telomers is reduced and the amount of high-boiling products is greatly increased. There are 3 figures, 5 tables, and 2 references: 1 Soviet and 1 non-Soviet. The reference to the English-language publication reads as follows: W. Patnode, D. Wilcock, J. Amer. Chem. Soc. 68, 2291 (1946).

ASSOCIATION: Institut elementoorganicheskikh soyedineniy Akademii nauk SSSR (Institute of Elemental-organic Compounds, AS USSR)

Card 3/6

27490
S/062/61/000/009/005/014
B117/B101

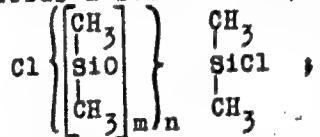
5.3700

AUTHORS: Andrianov, K. A., Severnyy, V. V., and Zavin, B. G.

TITLE: Telomerization of dimethyl cyclosiloxane derivatives. II.
Preparation of straight-chain α -chloro- ω -trimethyl-siloxy-
dimethyl siloxanes

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Otdeleniye khimicheskikh
nauk, no. 9, 1961, 1610-1615

TEXT: The reaction of octamethyl cyclotetrasiloxane with trimethyl-chloro
silane is described. It was shown in previous experiments (Ref. 2: DAN
SSSR, 134, no. 6, 1347 (1960); Ref. 3: Izv. AN. Otd. khim. n. 1961,
no. 8) that the reaction of dimethyl-dichloro silane with dimethyl
cyclosiloxanes yields a series of α,ω -dichloro-dimethyl siloxanes of the
structure



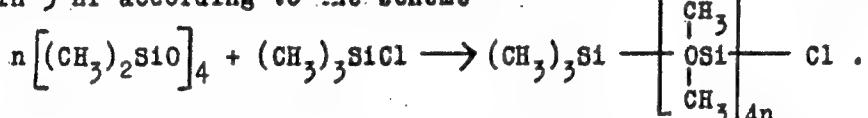
Card 1/4

27490

8/062/61/000/009/005/014
B117/B101

Telomerization of dimethyl ...

where m denotes the number of silicon atoms in the initial ring, n = 1, 2, 3 etc. In this study, the monofunctional trimethyl-chloro silane and not a difunctional compound was used as chain-terminating substance for the telomerization of dimethyl cyclosiloxanes. Equimolar amounts of octamethyl cyclotetrasiloxane and trimethyl-chloro silane telomerize in an autoclave at 250°C within 5 hr according to the scheme



Pure telomers with n = 2, 3, and 4 were obtained from the reaction mixture by fractional distillation. The physical constants of the telomers are listed in Table 1. The physical properties exhibit no anomalies. Tests carried out with various molar ratios of octamethyl cyclotetrasiloxane to trimethyl-chloro silane showed that at ratios of 1 : 1, 2 : 1, and 3 : 1 mixtures of telomers only, and no pure compounds were formed. In all of these mixtures the telomer formed in maximum quantity did not correspond to the stoichiometric ratio of the reactants. The telomer having a chain by 4 dimethyl-siloxane units longer than would correspond to the

Card 2/4

Telomerization of dimethyl ...

27490
8/062/61/000/009/005/014
B117/B101

stoichiometric ratio of the initial mixture was observed to form in maximum yield. An increase of the octamethyl cyclotetrasiloxane : Trimethyl-chloro silane ratio lowers the yield of the lowest telomers, and highly increases the yield of high-boiling products. Within the range of molar ratios studied, lower trimethyl-chloro silane contents in the initial mixture did not decrease the conversion of octamethyl cyclotetrasiloxane. There are 2 figures, 6 tables, and 4 references: 2 Soviet and 2 non-Soviet. The reference to the English-language publication reads as follows: D. Wilcock, J. Amer. Chem. Soc. 68, 692 (1946).

ASSOCIATION: Institut elementoorganicheskikh soyedineniy Akademii nauk SSSR (Institute of Elemental Organic Compounds of the Academy of Sciences USSR)

SUBMITTED: November 28, 1960

Table 1. Physical properties of α -chloro- ω -trimethyl-siloxy-dimethyl siloxanes.

Legend: (1) formula, (2) physical properties, (3) b.p., $^{\circ}$ C, (p, mm Hg),
Card 3/4

118, P.M.

8/079/12/0927, 755, 947, 372

Ergonomics in Design

卷之三

X. DETERMINATION OF THE SUBSTITUENT GROUPS IN THE CATIONIC POLY(1,3-PHENYLIC SULFONE).

PRINCIPALS *Zhurnal obshchey khimii*, 1969, Vol. 50, No. 2, p. 474-478.

STRUCTURE In order to determine the equilibrium between the structure of the Li^+ -salt of triphenylmethane dyestuff and the structure of the cation of the salt of the diphenylbenzene dyestuff, the authors of this article studied the equilibrium between the structure of the cation of the diphenylbenzene dyestuff and the structure of the cation of the triphenylmethane dyestuff. They analyzed data obtained by the method of the equilibrium between the cation of the diphenylbenzene dyestuff and the cation of the triphenylmethane dyestuff. The authors of this article also analyzed data obtained by the method of the equilibrium between the cation of the diphenylbenzene dyestuff and the cation of the triphenylmethane dyestuff. The analysis of the data obtained by the method of the equilibrium between the cation of the diphenylbenzene dyestuff and the cation of the triphenylmethane dyestuff showed that in this case, just as in the divalent cation of triphenylmethane, the cations (1) are unstable and gradually disappear again. This leads to

a displacement of the above equilibrium (1), whereupon the concentration decrease in optically active solution also decreases. Fig. 1 shows the decrease of the form (1) in dependence on the time of the 7289 Å ultraviolet irradiation, Φ , which were used to calculate the markedly non-linear decrease of the malachite-green group, were obtained by extrapolation at the time $\Phi = 0$. When on the other hand the substitution I is in equilibrium to the stable II, the optical density of the solution is constant, as is shown in Fig. 2. Therefore a substitution is said to be stable if the optical density to the different reaction times, resulting from the effects of the reaction (1), is constant. The results of the substitution of the malachite-green group by iodine, as is indicated in Fig. 3, was taken to prove that the malachite-green itself, as proposed in publications [1, 2], does not undergo appreciable derivations of the structure of malachite-green. Table 1 shows the substitution of the diethylphthalate groups of malachite-green by iodine, or the malachite-green group, these methods differing only slightly from the method consisting of malachite-green (2×10^{-3} g), Table 2

ASSOCIATION: Locally subholoclastically inert lenticular lenses
lenticular subholoclastical inert lenticular lenses
, lenticular, subholoclastical, inert, lenticular, lenses, lenses

June 1, 1959

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964010013-6"

ZAVINA, A.

All year long in the air. Kryl.rod. 12 no.2:11 F '61.

(MIRA 14:6)

1. Nachal'nik Vladimirskego aerokluba, g. Vladimir.
(Vladimir--Aeronautics as recreation)

3.1550

69861
SOV/35-59-9-7232

Translation from: Referativnyy zhurnal, Astronomiya i Geodesiya, 1959, Nr 9, p 58 (USSR)

AUTHOR: Zavina, V.

TITLE: Visual and Photographic Observations of Mars During the Period of the Great Opposition of 1956

PERIODICAL: Astron. tsirkulyar, 1958, Jan 11, Nr 188, pp 13 - 14

ABSTRACT: The visual observations of Mars were carried out from September 5 to October 15, 1956, by a 16" refractor of the Abastumani Observatory with a magnification of 272X through red, yellow, green and blue light-filters and without light-filters. The transparency of Mars's atmosphere remained poor from September 5 to 29, 1956. A bright golden ring was observed around the disk, while the contrast degree of the seas was diminished. Light cloud formations were not observed in the atmosphere, only on October 8 a longitudinal band of about the same brightness as the polar cap was visible. On the continents bright regions were observed repeatedly. The Hellas region was especially bright on October 9 and 15. Without the filters the seas seemed grey in September and blue-green in October. On October 9 three parallel lines of canals were distinguishable, which stretched from the South polar

Card 1/2

69861
SOV/35-59-9-7232

Visual and Photographic Observations of Mars During the Period of the Great Opposition of 1956

cover to the Northern side of the Eritrean sea. The South polar cap appeared on September 8 and grew till September 17; towards the middle of October it decreased. A dark rim around the South polar cap in red rays seemed fainter than the seas, and in green and blue ones more pronounced than the seas. The photographs taken of the planet in various sections of the spectrum have been processed. The study of the measurement along the equatorial and polar diameters has shown that for photographic rays the distribution of brightness is more uniform than for visual ones. The photometric analysis of the Eastern edge of the disk disclosed in the terminator (angle of the phase was 22°) two clouds: The Southern one in the latitude of 45° - 60°, the Northern one in the latitude of 45°.

I.I. Lebedeva

4

Card 2/2

ZAVINICHENKO, S.L.

A word from a collective farm mechanic. Zashch. rast. ot vred. i
bol. 6 no.4:8 Ap '61. (MIRA 15:6)

1. Kolkhoz imeni Lenina, Primorsko-Akhgarskogo rayona, Krasnodarskogo
kraya.
(Plants, Protection of)

~~ZAVINOVSKIY, I., rukovoditel' radiotekhnicheskogo krushka, chlen Kiyevskogo radio-kluba.~~

Radio amateurs supply the collective farms with radios. Radio no. 7:24
Jl '53. (MIRA 6:7)

1. Radiotekhnicheskiy krushok, 2. Kiyevskiy radioklub.
(Radio in agriculture)

MAGNETO-SPIN RESONANCE IN THE FERROMAGNETIC MATERIALS ON THE MAG-
INDUCED BY WAVES IN THE CENTIMETER RANGE. E.K. Zavitskii. (Journal
of Experimental and Theoretical Physics U.S.S.R., 1947, vol.
17, Oct., pp. 883-888 (in Russian); (Abstract) Metals Review, 1948,
vol. 21, May, p. 8). Phenomenon was investigated in a series of
ferromagnetic alloys such as electrolytic nickel, transformer iron,
and alloys of the "Nichima" type (composition not given).

16

APPROVED FOR RELEASE: 03/15/2001

CTA-RDP86-00513R001964010013-6"

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964010013-6

ACC NR AP6000975

SOURCE CODE: UR/0286/65/000/022/0057/0057

4139

Card 1/1

URC1 678.643.043

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964010013-6"

LEVIDOV, V.A.; ZAVIROV, M.G.

Means of automatically controlling the density of pulp.
Gor. zhur. no.10:71 0 '63. (MIRA 16:11)

GOKHMAN, I.S.; YFLKINA, L.A.; ZAVIRYUKHA, N.I.

Analysis of technical and economic indices of oxygen-blown
converter steel production at the plant A for 1963. Sbor.
trud. TSNIICHM no.45:75-84 '65. (MIRA 18:9)

SYABRYAY, Vladimir Terent'yevich [Siabriai, V.T.]; KLIMENKO, V.Ya., kand. geol.-min.nauk, otv.red.; ZAVIRYUKHINA, V.M., red.; BELETSKAYA, L.Yu. [Bilets'ka, L.IU.], tekhn.red.

[Characteristics of the distribution of brown coal formations in the Paleogene of the Dnieper Basin; prospects for the development of the Dnieper brown coal basin] Zakonomirnosti rozmeshchennia burovuhil'nykh formatsii v paleogeni Dniprobasu; perspektivyv rozv'ytku Dneiprosv'koho h burovuhil'noo baseinu. Kyiv, Vyd-vo Akad.nauk Ukrains'koi RSR, 1962. 122 p. (Akademija nauk URSR, Kiev, Instytut geologichnykh nauk. Trudy Serii geologii roduvishch Korysnykh Kopalyn. no.9). (MIRA 15:8) (Dnieper Basin--Lignite)

TSIBRIK, Aleksey Nikolayevich[TSybryk, O.M.], AVRINSKIY, P.V.
[Avryns'kyi, P.V.], dots., otv. red.; ZAVIRYUKHINA, V.M.,
red.; KODASHEVICH, O.O.[Kodashevych, O.O.], tekhn. red.

[New molding materials; theoretical and experimental investigations in the field of molding materials and the manufacture of molds for steel and iron casting]Novi formuval'ni materialy;
teoretychni ta isperimental'ni doslidzhennia v haluzi formuval'-
nykh materialiv i tekhnologii form dlia stal'noho i chavunnoho
lytva. Kyiv, Vyd-vo Akad.nauk URSR, 1962. 125 p.

(MIRA 16:3)

(Sand, Foundry) (Molding (Founding))

DOLENKO, G.N.[Dolenko, H.N.], otv. red.; ZAVIRYUKHINA, V.M., red.

[Problem of the oil and gas potential of the Ukraine] Pytannia naftogazonostosti Ukrayny. Kyiv, Naukova dumka, 1964. 162 p. (MIRA 17:12)

1. Akademiya nauk UkrSSR, Kiev. Instytut geologii i geokhimii horiuchykh kopalyn. 2. Chlen-korrespondent AN Ukr.SSR (for Dolenko).

MAKOVETSKIY, Pavel Stepanovich; DOBROKHOLOTOV, N.N., akademik, otv.
red.; ZAVIRYUKHINA, V.N., red.

[Brown coal and products of its thermal decomposition]
Burye ugli i produkty ikh termicheskogo razlozheniya. Kiev,
Naukova dumka, 1954. 178 p. (MIRA 17:8)

ZAVIR YUKHINA, V.N.

PORFIR'YEV, V.B., otvetstvennyy redaktor; IADYZHINSKIY, N.R., kandidat
geologo-minerologicheskikh nauk, redaktor; LAZARENKO, Ye.K., redaktor;
GURZHIY, D.V., kandidat geologo-minerologicheskikh nauk, redaktor;
ZAVIRYUKHINA, V.N., redaktor; ZHUKOVSKIY, A.D., tekhnicheskiy
redaktor

[Papers on the problem of the origin and migration of petroleum]
Materialy diskussii po problemе proiskhoshdeniya i migratsii nefti.
(MLRA 10:3)
Kiev, 1956. 366 p.

1. Akademiya nauk URSR, Kyiv. Lvivskyi filial, Instytut geologii
korysnykh kopalyn. 2. Chlen-korrespondent Akademii nauk USSR (for
Profir'yev, Lazarenko)
(Petroleum geology)

644 YUKH 1.1.11, 5.11
SEMENENKO, Nikolay Panteleymonovich; POLOVKO, Nataliya Ivanovna;
ZHUKOV, Georgiy Viktorovich; LADIEVA, Viktoriya Danilovna;
MAKUKHINA, Anna Aleksandrovna; ZAVIRYUKHINA, V.N., redaktor
izdatel'stva; RODIONOV, S.P., otvetstvennyy redaktor; ROZENTSVEIG,
Ye.N., tekhnredaktor

[Petrography of ferrosilicate formations of the Ukraine]
Petrografiia zhelezistokremnistykh formatsii Ukrainskoj SSR. Kiev,
Izd-vo Akad. nauk USSR, 1956. 535 p. (MLRA 10:4)

1. Chlen-korrespondent AN USSR. (for Rodionov)
(Ukraine--Petrology)

KLIMENT'KO, Vasiliy Yakovlevich; BURKSER, Ye.S. [Burkser, I.E.S.], vidpovidal'nyi red.; ZAVIRYUKHINA, V.N. [Zavyriukhyna, V.N.] red. vyd-va; SHVEDOV, L.M., tekhn.red.

[Petroleum and natural fuel gas of the Ukraine] Nafta ta pryrodnyi horiuchyi gas Ukrains'koi RSR, Kyiv. Vyd-vo Akad.nauk Ukr.RSR, 1957. 55 p. (MIRA 11:4)

1. Ghlen-korrespondent AN URSR (for Burkser)
(Ukraine--Petroleum)
(Ukraine--Gas, Natural)

ZAVIRYUKHINA, V.N.

STANISLAVSKIY, P.A.; BONDARCHUK, V.G., akademik, otvetstvennyy redaktor;
NOVIK, Ye.O., redaktor; ZAVIRYUKHINA, V.N., redaktor izdatel'stva;
SIVACHENKO, S.K., tekhnicheskiy redaktor

[Fossil flora of Bathonian and Callovian deposits in the Donets Basin and the Dniper-Donets Lowland] Iskopaemaya flora batskокелловиеских отложений Donetskogo basseina i Dneprovsko-Donetskoi ypadiny. Kiev, Izd-vo Akad.nauk USSR, 1957. 128 p. (MLBA 10:7)

1. Akademiya nauk USSR (for Bondarchuk). 2. Ohlen-korrespondent
Akademii nauk USSR (for Novik)
(Donets Basin--Paleobotany) (Dnieper Lowland--Paleobotany)

ZHUKOVSKIY, V. D.

BONDARCHUK, V.G., akademik, otvetstvennyy redaktor; ZAVIRYUKHINA, V.N.,
redaktor izdatel'stva; ZHUKOVSKIY, A.D., tekhnredaktor

[Proceedings of a conference on the problem of the extent of the
Mamurian and its relation to the Carboniferous system] Soveshchanie
po voprosu ob ob"eme Mamurskogo iarusa i ego polozhenii v
kamenouugol'noi sisteme. Kiev, 1954. Trudy...Kiev, Izd-vo
Akad. nauk USSR, 1957. 220 p. (MLRA 10:5)

1. AN USSR. (for Bondarchuk)
(Geology, Stratigraphic)

BALUKHOVSKIY, N.F., doktor geol.-min.nauk, otv.red.vypuska; LOGVIVENKO,
N.V., prof., doktor geol.-min.nauk, otv.red.vypuska; ZAVIRYUKHINA,
V.N., red.; CHEKHOVICH, N.Ya., red.; RAKHLINA, N.P., tekhn.red.

[Geology and mineral resources of the Kharkov Economic Region]
Geologiya i poleznye iskopaemye Khar'kovskogo ekonomiceskogo
raiona; trudy. Kiev, Izd-vo Akad.nauk USSR. No.1. 1960.
162 p. (MIRA 14:1)

1. Nauchno-tehnicheskaya konferentsiya po razvitiyu proizvoditel'-
nykh sil Khar'kovskogo ekonomiceskogo rayona. 2. Institut geolo-
gicheskikh nauk AN USSR (for Balukhovskiy). 3. Khar'kovskiy gosu-
darstvennyy universitet (for Logvienko).

(Kharkov Economic Region--Geology, Economic)

KRASHENIENNIKOVA, Ol'ga Vladimirovna; BELEVTSOV, Ya.N., otv. red.;
ZAVIYUKHINA, V.I., red.; DAKHNO, Yu.B., tekhn. red.

[Lithogenesis of Riphean sediments in the southwestern part
of the Russian Platform] Litogenet rifeiskikh otlozhenii
iugo-zapada Russkoi platformy. Kiev, Izd-vo Akad. nauk USSR,
1962. 210 p. (MIRA 16:8)

1. Chlen-korrespondent AN Ukr.SSR (for Belevtsov).
(Russian Platform--Geology, Stratigraphic)

KRASHENINNIKOVA, Ol'ga Vladimirovna; BELEVTSOV, Ya.N., otd. red.;
ZAVIRYUKHINA, V.N., red.; DAKHO, Yu.B., tekhn. red.

[Lithogenesis of Riphean sediments in the southwest of
the Russian Platform] Litogeneticheskaya glazhenii
iugo-zapada Russkoi platformy. Kiev, Izd-vo AN USSR,
1962. 210 p. (MIRA 17:1)

i. Chlen-korrespondent AN Ukr.SSR (for Belevtsov).

SEMENENKO, N.P., akademik, otd. red.; TKACHUK, L.G., doktor geol.-miner. nauk, zam. otd. red.; SUBBOTIN, S.I., akademik, red.; LAZARENKO, Ye.K., red.; BELEVTSOV, Ya.N., red.; POPOV, V.S., red.; SOLLOGUB, V.B., kand. geol.-miner. nauk, red.; MEL'NIK, A.F., red.; ZAVIRYUKHINA, V.N., red.; DAKHNO, Yu.B., tekhn. red.

[Materials of the Fifth Congress of the Carpatho-Balkan Geological Association; reports of Soviet geologists] Materialy; doklady sovetskikh geologov. Kiev, Izd-vo Akad. nauk USSR, 1962. 309 p. (MIRA 16:8)

1. Karpato-Balkanskaya geologicheskaya assotsiatsiya. 5th, Bucharest, 1961. 2. Akademiya nauk Ukr.SSR (for Semenenko, Subbotin). 3. Chleny-korrespondenty AN Ukr.SSR (for Lazarenko, Belevtsev, Popov).

(Carpathian Mountains--Geology)
(Balkan Mountains--Geology)

DUNAYEV, N.N., st. nauchn. sotr., otv. red.; ZAVIRYUKHINA, V.N.,
red.; RAKHLINA, M.P., tekhn. red.

[Plan for the diagrammatic correlation scale of the basic
cross sections of Devonian, Carboniferous and Permian
sediments in the southwest of the Russian Platform] Proekt
skhemy korreliatsii osnovnykh razrezov devonskikh, kamonno-
ugol'nykh i permeskikh otlozhenii iugo-zapada Russkoi plat-
formy. Kiev, Izd-vo AN URSR, 1963. 72 p. [Diagrammatic
correlation scales of the stratigraphy of Devonian, Carboni-
ferous and Permian sediments in the southwestern part of the
Russian Platform] Korreliatsionnye skhemy stratigrafii de-
vonskikh, kamennouugol'nykh i permeskikh otlozhenii iugo-
zapadnoi chasti Russkoi platformy. 13 diagrs. (MIRA 17:3)

1. Akademiya nauk URSR, Kiev. Instytut geologicheskikh nauk.

AYZENVERG, David Yefremovich; BRAZNIKOVA, Nina Yevgen'yevna; NOVIK,
Yekaterina Osipovna; ROTAY, Avraam Prokhorovich, prof.; SHUL'GA,
Polina Lukinichna; BONDARCHUK, V.G., akademik, otv.red.;
ZAVIRYUKHINA, V.N., red.izd.-va; KADASHEVICH, O.A., tekhn.red.

[Stratigraphy of Carboniferous sediments in the Donets Basin]
Stratigrafiia kamennougol'nykh otlozhenii Donetskogo basseina.
Kiev, 1963. — 182 p. — (Akademiia nauk URSR. — Institut geologichnykh
nauk. Seriia stratigrafiii i paleontologii. Trudy, no.37).

(MIRA 16:12)

1. AN UkrSSR (for Bondarchuk).

SEMENENKO, Nikolay Panteleymonovich; SIROSHAN, R.I., starshiy
nauchnyy sotrudnik, otv. red.; ZAVIRYUKHINA, V.N., red.

[Metamorphism of mobile belts:] Metamorfizm podvizhnykh zon.
Kiev, 1963, 256 p. (Akademicheskaya nauk URSR, Kiev. Instytut
geologicheskikh nauk. Trudy. Seriya petrografii, mineralogii i
geokhimii, no. 18) (MIRA 17:5)

CHEREDNICHENKO, Aleksandr Ivanovich; SHEVCHENKO, Ye.V., prof., doktor
geol.-mineral. nauk, otv. red.; ZAVIRYUKHINA, V.N. red.

[Tectonophysical conditions governing mineral transformation
in solid rocks.] Tektonofizicheskie uslovia mineral'nykh
preobrazovaniii v tverdykh gornykh porodakh. Kiev, Naukova dumka,
1964. 183 p. (Akademiia nauk URSR. Instytut geologichnykh nauk.
Trudy. Seriia geotektoniki, no.15)

(MIRA 17:12)

PLATONOV, A.N., inzh., otd. red.; POVARENYYKH, A.S., doktor geologo-min. nauk, prof., glav. red.; AGAFONOVA, T.N., kand. geol-min. nauk, dots., red.; BELEVTSOV, Ya.N., prof., red.; GAVRUSEVICH, B.A., kand. geol.-min.nauk, dots., red.; GLADKIY, B.N., inzh., red.; IVANTISHIN, M.N., doktor geol.-miner. nauk, red.; KHATUNTSEVA, A.Ya., kand. geol.-miner. nauk, red.; ZAVIRYUKHINA, V.N., red.; DAKHO, Yu.M., tekhn. red.

[Annals of the Ukrainian Branch of the All-Union Mineralogical Society] Zapiski Ukrainskogo otdeleniya Vsesoiuznogo mineralogicheskogo obshchestva. Kiev, Izd-vo AN USSR, 1962. 184 p.
(MIRA 17:3)

1. Akademiya nauk URSR, Kiev. Ukrainskoye otdeleniye Vsesoyuznogo mineralogicheskogo obshchestva. 2. Chlen-korrespondent AN Ukr.SSR (for Belentsev).

SEMENENKO, N.P., akademik, otd. red.; SUBBOTIN, S.I., akademik, red.;
TKACHUK, L.G., doktor geol.-miner. nauk, zam. otd. red.;
LAZARENKO, Ye.K., red.; BELEVSEV, Ya.N., red.p POPOV, V.S.,
red.; SOLLOGUB, V.B., kand. geol.-miner. nauk, red.;
ZAVIRYUKHINA, V.N., red.; MEL'NIK, A.F., red.; DAKHO, Yu.B.,
tekhn. red.

[Materials of the Fifth Conference of the Carpatho-Balkan
Geological Association] Materialy V s"ezda Karpato-Balkanskoi
geologicheskoi assotsiatsii. Kiev, Izd-vo Akad. nauk URSR,
1962. 309 p. (MIRA 16:4)

1. Karpato-Balkanskaya geologicheskaya assotsiatsiya. 5. s"ezd.
2. Akademiya nauk Ukr.SSR (for Semenenko, Subbotin).
(Carpathian Mountains--Geology)
(Balkan Mountains--Geology)

POVARENNYKH, A.S., doktor geol.-miner. nauk, prof., otv. red.;
AGAFONOVA, T.N., kand. geol.-miner. nauk, dots., red.;
GAVRUSEVICH, B.A., kand. geol.-miner. nauk, dots., red.;
GLADKIY, V.N., inzh., red.; IVANTISHIN, M.N., doktor
geol.-miner. nauk, red.; LOGVINENKO, N.V., doktor geol.-
miner. nauk, prof., red.; PLATONOV, A.N., inzh., red.;
KHATUNTSEVA, A.Ya., kand. geol.-miner. nauk, red.;
ZAVIRYUKHINA, V.N., red.

[Chemical composition and internal structure of minerals]
Khimicheskii sostav i vnutrennee stroenie mineralov. Kiev,
Naukova dumka, 1964. 216 p. (MIRA 18:1)

I. Vsesoyuznoye mineralogicheskoye obshchestvo. Ukrainskoye
otdeleniye.

POVARENYYKH Aleksandr Sergeyevich; BURKSER, Ye.S., retsenzont;
IVANTISHIN, M.N., doktor geol.-min. nauk, retsenzont;
LITVIN, A.L., kand. geol.-min. nauk, otv. red.;
GAVRUSEVICH, B.A., dots., red.; ZAVIRYUKHINA, V.N., red.;
LISOVETS, A.M., tekhn. red.; REKES, M.A., tekhn. red.

[Hardness of minerals] Tverdost' mineralov. Kiev, Izd-vo
AN USSR, 1963. 303 p. (MIRA 17:3)

1. Chlen-korrespondent AN Ukr. SSR (for Burkser).

CHEREDNICHENKO, Aleksandr Ivanovich; SHEVCHENKO, Ye.V., prof.
doktor geol.-min. nauk, otd. red.; ZAVIRYUKHINA, V.N.,
red.

[Tectonic and physical conditions governing mineral
transformations in solid rocks] Tektonofizicheskie uslo-
via mineral'nykh preobrazovani i v tverdykh gornykh po-
rodakh. Kiev, Naukova dumka, 1964. 183 p.

(MIRA 18:8)

AYZENBERG, D.Ye.; BELEVTSOV, Ya.N.; BORDUNOV, I.N.; BORISENKO, S.T.;
BULKIN, G.A.; GORLITSKIY, B.A.; DOVGAN', M.N.; ZAGORUYKO,
L.G.; KAZAKOV, L.R.; KALYAYEV, G.I.; KARASIK, M.A.; KACHAN,
V.G.; KISELEV, A.S.; LAGUTIN, P.K.; LAZARENKO, Ye.K.;
LAZARENKO, E.A.; LAPITSKIY, E.M.; LAPCHIK, F.Ye.; LAS'KOV,
V.A.; LEVINSHTEYN, M.L.; MALAKHOVSKIY, V.F.; MITKEYEV, M.V.;
PRUSS, A.K.; SKARZHINSKIY, V.I.; SKURIDIN, S.A.; SOLOV'YEV,
F.I.; STRYGIN, A.I.; SUSHCHUK, Ye.G.; TEPLITSKAYA, N.V.;
FEDYUSHIN, S.Ye.; FOMENKO, V.Yu.; SHKOLA, T.N.; SHTERNOV,
A.G.; YAROSHCHUK, M.A.; ZAVIRYUKHINA, V.N., red.

[Problems of metallogeny in the Ukraine] Problemy metallo-
genii Ukrayny. Kiev, Naukova dumka, 1964. 254 p.
(MIRA 18:1)

1. Akademiya nauk URSR, Kiev. Instytut geologichnykh nauk.

~~Ex-Approved~~
POLAND / General Biology. General Hydrobiology

B-6

Abs Jour: Ref Zhur - Biol., No 6, 1958, 23865

Author : Zavisha

Inst : Not given

Title : Proper Direction of Developing Lake Management.

Orig Pub: Postepy nauk roln., 1956, 3, No 1, 75-81

Abstract: No abstract.

Card 1/1

ZAVISHA, V. V.

Przodujace metody pracy sternikow. Tłum. z rosyjskiego Henryk Rubin. (Wyd. 1)
Warszawa, Wydawn. Komunikacyjne, 1954. 30 p. (Biblioteka przodujacych metod pracy
w gospodarce morskiej) (Leading work methods of steersmen. Tr. from the Russian.
1st ed. diagrs., footnotes, tables)

SO: Monthly list of East European Accessions List, (EEAL), LC, Vol. 4, No. 11,
November 1955, Uncl.

ZAVISHA, V.V., kand.tekhn.nauk

Method of determining the efficiency of the ram drive and of the
hydraulic steering gear. Sudostroenie 27 no.3:14-17 Mr '61.

(MIRA 14:3)

(Steering gear—Hydraulic drive)

AJDROSOV, B.I., kand.tekhn.nauk; BEGAGOVEN, T.A., inzh.; BERKOV, K.I.,
inzh.; BLINOV, I.S., kand.tekhn.nauk; BROYTMAN, A.A., kand.tekhn.
nauk; GRITSAY, L.L., kand.tekhn.nauk; ZAVISHA, V.V., kand.tekhn.
nauk; KUNITSKIY, A.A., inzh.; LFSHCHINSKIY, V.N., inzh.;
PASECHNIK, I.V., kand.tekhn.nauk; DUBCHAK, V.Kh., inzh., retsenzent;
MATOV, I.T., inzh., retsenzent; TUMM, I.D., inzh., retsenzent

[Manual for ship mechanics] Spravochnik sudovogo mekhanika.
Moskva, Transport, 1965. 832 p. (MIRA 18:12)

ZAVISHA, V.V., kand. tekhn. nauk

Hydraulic engines with sector-ring plungers and their efficiency.
Izv. vys. ucheb. zav.; mashinostr. no.1:108-117 '65. (MIRA 18:5)

ZAVISHA, Vladimir Vladimirovich; GULDOVA, T.I., red.

[Hydraulic steering gear] Gidravlicheskie rulevye ma-
shiny. Moskva, Transport, 1965. 223 p. (MIRA 18:12)

KLANIC, Oskar, inz.; ZAVISKA, Zdenek, inz.

For more efficient engineering in Czechoslovak ore, limestone,
and magnesite quarries. Rudy 11 no.9:288-293 S '63.

1. Rudny projekt, Praha.

ZAVISLYAK, Nikolay Iosifovich; SHAMANIN, A. V., inzh., retsensent;
ANSEROV, M. A., kand. tekhn.nauk, red.; VARKOVETSKAYA, A. I.,
red.izd-va; SPERANSKAYA, O. V., tekhn. red.

[Modern attachments for machine tools] Sovremennye prispobleniya k metallorezhushchim stankam. Moskva, Mashgiz,
1963. 176 p. (MIRA 16:4)
(Machine tools—Attachments)

ZAVISTOVICH, A.A.

"Iran" by M.P. Petrov. Reviewed by A.A. Zavistovich. Izv. Vses. geog.
ob-va 89 no.6:559-561 N-D '57. (MIR 10:12)
(Iran--Physical geography)
(Petrov, M.P.)

ZAVISTOVICH, A.A.

ARABADZHYAN, A.Z., kand.ekon.nauk; BADI, Sh.M., kand.ekon.nauk; BAROYAN, O.V., doktor med.nauk; BASHKIROV, A.V., kand.ekon.nauk; BUSHEV, P.F., kand. ist.nauk; GLUKHODAD, V.S.; DOROZYEVA, L.N., kand.filol.nauk; DERO-SHENKO, Ye.A., kand.ist.nauk; ZAVISTOVICH, A.A.; IVANOVA, M.N., kand. ist.nauk; IVANOV, M.S., doktor ist.nauk; IL'INSKIY, G.N., kand.ist. nauk; KISLYAKOV, N.A., doktor ist.nauk; KOMISSAROV, D.S., kand.filol. nauk; KURDOYEV, K.K., kand.filol.nauk; MOISKEEV, P.P., kand.ekon. nauk; PAKHALINA, T.N., kand.filol.nauk; PETROV, M.P., doktor geogra- ficeskikh nauk, prof.; PETROV, G.M., kand.ist.nauk; SOKOLOVA, V.S., doktor filol.nauk; TRUBENSKOY, V.V.; PARKHADIYAN, A.I., kand.ist. nauk; SHOYTOV, A.M., kand.filol.nauk; ZAKHODER, B.N., doktor istori- cheskikh nauk, prof., otvetstvennyy red.; AKHRAMOVICH, R.T., kand. ist.nauk, red.; PALINA, A.I., kand.ist.nauk, red.; KUZNETSOVA, N.A., red. izd-va; SHVEYKOVSKAYA, V.R., red. izd-va; PRUSAKOVA, T.A., tekhn. red.

[Present-day Iran; a manual] Sovremennyi Iran; spravochnik. Moskva, 1957. 715 p.

(MIRA 11:2)

1. Akademiya nauk SSSR. Institut vostokovedeniya.
(Iran)

MINKOVSKIY, D.I., kand.tekhn.nauk, dotsent; ZAVISTOVICH, I.I., inzh.; MAZELEVA,
M.L., inzh.

Compensated loss counters. Izv. vys. ucheb. zav.; energ. 6 no.12:105-
109 D '63. (MIRA 17:1)

1. Belorusskiy politekhnicheskiy institut. Predstavlena kafedroy teo-
reticheskikh osnov elektrotehniki.

KOTEL'NIKOV, B.P., inzh.; BOZHENOVA, N.I., inzh; PEREL', Z.P., inzh.;
ZAVISTOVSKAYA, M.D., inzh.

Rapid method for determining the content of sodium sulfate in
washing pastes and in the "Novost!" powder. Masl.-shir. prom. 25
no. 7:42-43 '59. (MIRA 12:12)

1. Shebekinskiy kombinat sinteticheskikh shirnykh kislot i shirnykh
spiritov.
(Washing powders--Analysis) (Sodium sulfates)

BABAYEV, V.I., inzh.; BAZHENOV, N.I., inzh.; ZAVISTOVSKAYA, M.D.

Sulfatization of aliphatic alcohols from unsaponifiable-II
by chlorosulfonic acid. Masl.-zhir.prom. 28 no.7:23-24
Jl '62. (MIRA 15:11)

1. Shebekinskiy kombinat sinteticheskikh zhirnykh
kislot i zhurnykh spirtov.

(Alcohols) (Sulfonation)
(Unsaponifiable matter)

САВИТАЕВ, А. А.

Asphalt

Technical and economic analysis of the introduction of a system of universal assembly fixtures (УСР) in a plant. Stan. i. instr. 23, no. 3, '52.

Monthly List of Russian Accessions, Library of Congress, July 1952. Unclassified.

ZAVITAYEV, P.A.

26022 Zavitayev, P.A. Primernyy Plan Zanyatiy Po Izucheniyu Prirody S Uchashchimisya
I, II, III Klassov Na Osenniy I Zimniy Periody. Nach. Shkola, 1948, No. 7,
S. 23-27.

SO: Letopis' Zhurnal Statey, №. 30, Moscow, 1948.

1. ZAVITAYEV, P. A.
2. USSR 600
4. Nature Study
7. Lessons in nature study are preparation for polytechnical study, Nach. shkola, 21, No. 2, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.